

## HTML Background Images

A background image can be specified for almost any HTML element.

### Background Image on a HTML element

To add a background image on an HTML element, use the HTML `style` attribute and the CSS `background-image` property:

#### Example

Add a background image on a HTML element:

```
<div style="background-image: url('img_girl.jpg');">
```

You can also specify the background image in the `<style>` element, in the `<head>` section:

#### Example

Specify the background image in the `<style>` element:

```
<style>
div {
  background-image: url('img_girl.jpg');
}
</style>
```

### Background Image on a Page

If you want the entire page to have a background image, you must specify the background image on the `<body>` element:

#### Example

Add a background image for the entire page:

```
<style>
body {
  background-image: url('img_girl.jpg');
}
</style>
```

### Background Repeat

If the background image is smaller than the element, the image will repeat itself, horizontally and vertically, until it reaches the end of the element:

#### Example

```
<style>
body {
  background-image: url('example_img_girl.jpg');
}
</style>
```

To avoid the background image from repeating itself, set the `background-repeat` property to `no-repeat`.

#### Example

```
<style>
body {
  background-image: url('example_img_girl.jpg');
  background-repeat: no-repeat;
}
</style>
```

### Background Cover

If you want the background image to cover the entire element, you can set the `background-size` property to `cover`.

Also, to make sure the entire element is always covered, set the `background-attachment` property to `fixed`:

This way, the background image will cover the entire element, with no stretching (the image will keep its original proportions):

#### Example

```
<style>
body {
  background-image: url('img_girl.jpg');
  background-repeat: no-repeat;
  background-attachment: fixed;
  background-size: cover;
}
</style>
```

#### Background Stretch

If you want the background image to stretch to fit the entire element, you can set the **background-size** property to **100% 100%**:

Try resizing the browser window, and you will see that the image will stretch, but always cover the entire element.

#### Example

```
<style>
body {
  background-image: url('img_girl.jpg');
  background-repeat: no-repeat;
  background-attachment: fixed;
  background-size: 100% 100%;
}
</style>
```